

Applicant: William Richard Cross et al.  
 Serial No.: 10/522,371  
 Filing Date: January 25, 2005  
 For: BIOMIMETIC UROTHELIUM

Confirmation No.: 1386  
 Att'y Docket No.: 15892.9  
 Art Unit: 1657

INFORMATION DISCLOSURE CITATIONS BY APPLICANT

U.S. PATENT DOCUMENTS

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>
<u>    </u> 1	4,654,304	03/31/1987	Seijiro et al.
<u>    </u> 2	6,692,961	02/17/2004	Judd et al.

U.S. PATENT APPLICATION PUBLICATIONS

<u>Examiner Initial*</u>	<u>Publication Number</u>	<u>Pub. Date</u>	<u>Name</u>	<u>Class</u>	<u>Sub Class</u>	<u>Filing Date</u>
NONE						

FOREIGN PATENT DOCUMENTS

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Publ. Date</u>	<u>Country or Patent Office</u>	<u>Sub Class</u>	<u>Class</u>	<u>Trans- lation</u>
NONE						

NON PATENT LITERATURE DOCUMENTS

(including author, title, pertinent pages, etc.)

<u>Examiner Initial*</u>	
<u>/LS/</u> 3	Cross, William R et al., "The Barrier Function of In Vitro Generated Human Urothelium," Journal of Urology, Vol. 167, No. 4 Supplement, April 2002, pp 32. & Annual Meeting of the American Urology Association Inc.; Orlando Florida, USA; May 25-30, 2002 ISSN: 0022-5347.

Examiner Signature:	/Laura Schuberg/	Date Considered:	09/07/2007
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

References crossed out have been previously considered.

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- /LS/ 4 Cross William.R. et al., "The Barrier Properties of In Vitro Generated Normal Human Urothelium," Biochemical Society Transactions, Vol. 30, No. 1, 2002, pg. A44, & 675<sup>th</sup> Meeting of the Biochemical Society Joint with the Physiological Society; York, England, UK; December 18-19, 2001 ISSN: 0300-5127 abstract.
- /LS/ 5 Truschel, Steven et al., "Primary Uroepithelial Cultures: A Model System to Analyze Umbrella Cell Barrier Function," Journal of Biological Chemistry, Vol. 274, No. 21, May 21, 1999, pp. 15020-15029, & ISSN: 0021-9258
- ~~6 Liebert, Monica et al., "Expression of mal is Associated with Urothelial Differentiation In Vitro: Identification by Differential Display Reverse-Transcriptase Polymerase Chain Reaction," Differentiation, Vol. 61, No. 3, 1997, pp. 177-185, & ISSN: 0301-4681.~~
- /LS/ 7 Southgate J. et al., "Normal Human Urothelial Cells In Vitro: Proliferation and Induction of Stratification," Laboratory Investigation, A Journal of Technical Methods and Pathology, Vol. 71, No. 4, October 1994, pp. 583-594 ISSN: 0023-6837.
- /LS/ 8 Southgate, J. et al., "Culture of Human Urothelium," Culture of Epithelial Cells, Second Edition, 2002, pp. 381-399.
- /LS/ 9 Kreft, Mateja et al., "Antigenic and Ultrastructural Markers Associated with Urothelial Cytodifferentiation in Primary Explant Outgrowths of Mouse Bladder," Cell Biology International, Vol. 26, No. 1, 2002, pp. 63-74. ISSN: 1065-6995.
- /LS/ 10 Scriven S.D. et al., "Urothelial Cell Transplantation Using Biodegradable Synthetic Scaffolds," Journal of Materials Science: Materials in Medicine 2001 Netherlands, Vol. 12, No. 10-12, 2001, pp. 991-996 ISSN: 0957-4530.
- ~~11 Scriven S.D., "Reconstitution of Human Urothelium From Monolayer Cultures," The Journal of Urology, Vol. 158, September 1997, pp. 1147-1152.~~
- /LS/ 12 Sugasi Sita et al., "In Vitro Engineering of Human Stratified Urothelium: Analysis of its Morphology and Function," Journal of Urology, Vol. 164, No. 3, Part 2 of 2, September 2000, pp. 951-957 ISSN: 022-5347.
- /LS/ 13 Ludwikowski B. et al., "The Long-Term Culture of Porcine Urothelial Cells and Induction of Urothelial Stratification," BJU International, Vol. 84, No. 4, September 1999, pp. 507-514, ISSN: 1464-4096.

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- /LS/ 14 Pariente J.L. et al., "Cultured Differentiated Human Urothelial Cells in the Biomaterials Field," Biomaterials, Vol. 21, No. 8, April 2000, pp. 835-839 ISSN: 0142-9612.
- /LS/ 15 Deng, Fang-Ming et al., "Uroplakin IIIb, A Urothelial Differentiation Marker, Dimerizes with Uroplakin Ib as an Early Step of Urothelial Plaque Assembly," The Journal of Cell Biology, Vol. 159, No. 4, November 11, 2002, pp. 685-694.
- /LS/ 16 Lewis, Simon A., "Everything You Wanted to Know About the Bladder Epithelium But Were Afraid to Ask," Am. J. Physiol Renal Physiol, 278, F867-F874, 2000.
- /LS/ 17 Hutton, K.A.R. et al., "Urothelial Tissue Culture For Bladder Reconstruction: An Experimental Study," The Journal of Urology, Vol. 150, August 1993, pp. 721-725.
- /LS/ 18 Schmidt, Wesley et al., "Cultures of Normal Human Urothelial Cells From Ureters of Perfused Cadaver Transplant Kidneys," The Journal of Urology, Vol. 132, December, pp. 1262-1264.
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- 19 ~~Zhang, Yuan Yuan et al., "Expansion and Long-Term Culture of Differentiated Normal Rat Urothelial Cells In Vitro," In Vitro Cell. Dev. Biol.-Animal 37, July/August 2001, pp. 419-429.~~

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